

STEREO TURN TABLE

MODEL RP-2626H

In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.

SPECIFICATIONS

GENERAL

Power source:

Power consumption:

Semiconductors:

(with dust cover)

5W

1-IC

25-transistor

7-diode

2-hall elements Width: 455mm

Height: 147 mm

Depth: 355mm

10 kg

TURNTABLE

Dimensions:

Motor:

Weight:

DC servo motor with 72-pole

AC 110/220/240V, 50/60Hz

frequency generator Direct-drive system

Drive system:

Speed:

Speed control range:

33-1/3 and 45rpm

Within ± 4% (Individual control

for 33-1/3 & 45rpm)

± 0.045% (DIN 45 507) Wow & Flutter:

0.03% (JIS C-5521)

Better than 68dB (DIN-B)

31 cm (12 in.) aluminum diecast

with stroboscope marks

TONEARM

Overhang:

Off-set angle:

Type:

Rumble:

Effective length:

Turntable platter:

Static-balance S-shaped pipe arm

210 mm

11 mm

19°

4 ~ 12grams Cartridge weight range:

Specifications are subject to change without pior notice.

DESIGNATION OF PARTS

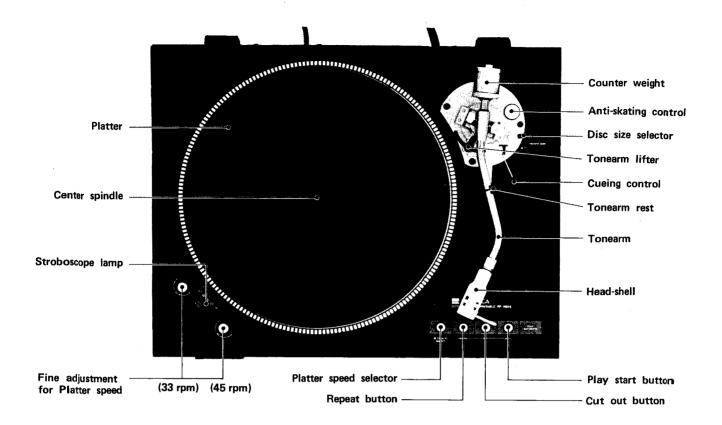


Figure 2-1

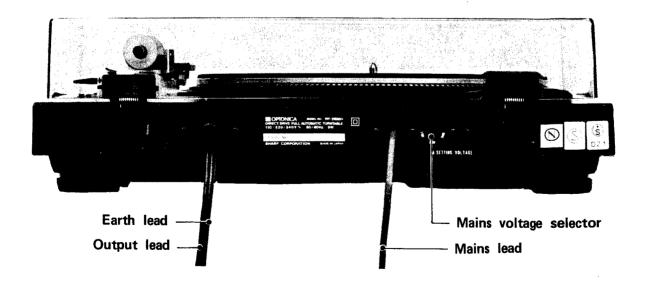


Figure 2-2

DISASSEMBLY

- *Disconnect all leads connected to the back of the unit.
 - 1. Remove fourteen (14) screws retaining the bottom cover. (Refer to Figure 3–1)
 - 2. Mechanical parts removal. (Refer to Figures 13–1 and 15–1)

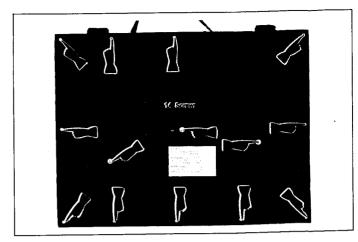


Figure 3-1

VOLTAGE SELECTION

Check the preset voltage before connecting the mains plug to a mains outlet. If the setting is different from your local supply mains voltage, the selector must be re-set as follows. Rotate the selector with a screw driver, aligning the arrow mark to your local voltage number.

Note:

Since this set uses DC motor, the operation is regardless of whether a household power supply is of $50\,\text{Hz}$ or $60\,\text{Hz}$.

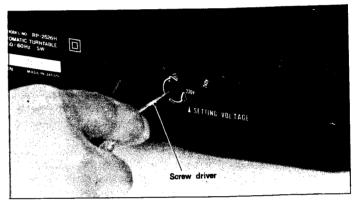


Figure 3-2

MOUNTING OF PHONO-CARTRIDGE ON HEAD-SHELL

- 1. Referring to Figure 3-3, connect the cartridge to the head-shell by use of leads.
- 2. Provide a distance of 50mm between the stylus end and the rubber packing on the head-shell. (Refer to Figure 3-4)

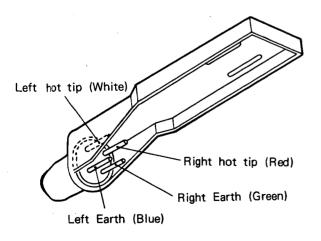


Figure 3-3

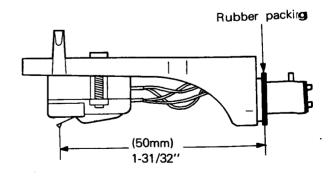


Figure 3-4

BEHAVIORS OF CONTROL CIRCUIT

This control circuit is a frequency generator servo type that detects output of the dynamo synchronizing with the motor

so that this detected output is considered frequency, thereby controlling the speed of a disk to be used.

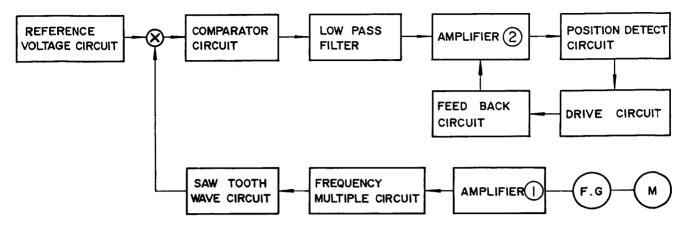


Figure 4-1 BLOCK DIAGRAM

- * Refer to Figures 4-1, 4-2 and 5-1.
- 1) FREQUENCY GENERATOR

The frequency generator consists of 72-pole magnet, 36-tooth multi-gap head and coil and it creates sine waves of 20 Hz and 27 Hz respectively when an LP disk and EP disk are played.

2) AMPLIFIER CIRCUIT (1)

The amplifier circuit is of 2-stage differential type and it amplifies the output of frequency generator to produce square wave of 50% duty cycle.

Semi-variable resistor VR1 (330 ohm B) is to adjust the square wave so that its duty cycle becomes 50%: this is because that the output of this circuit will be premitted to be multiplied by the frequency multiple circuit.

3) FREQUENCY MULTIPLE CIRCUIT

The frequency multiple circuit is to differentiate conversion output and non-conversion output (the two are of square wave) obtained from the said amplifier circuit so as to create pulses each having a swifter rising and a narrow width. Each of the pulses is then applied to the switching transistor in which it will be shaped to a saw tooth wave. Each of the switching transistors can be turned on when given a positive pulse so that the frequency be multiplied (doubled).

4) SAW TOOTH WAVE GENERATOR CIRCUIT

The generator circuit is composed of a C/R circuit which serves as charging unit and a switching transistor which works to discharge the voltage stored in the capacitor in an instant, and it is thus able to obtain saw tooth waves with the height being nearly in proportion to a given frequency.

5) REFERENCE VOLTAGE CIRCUIT

The reference voltage circuit is to produce a reference voltage that determines the rotation number of motor, in which output of the voltage regulated circuit is resistor-divided to be made a constant voltage. Variable resistor is provided to permit the voltage-division ratio be varied, thereby the motor's rotation number being variable.

Waveforms of the Circuits (with DC 20 V) (The points A to H are identical to those indicated in the annexed "Circuit Diagram" Figure 5–1.)

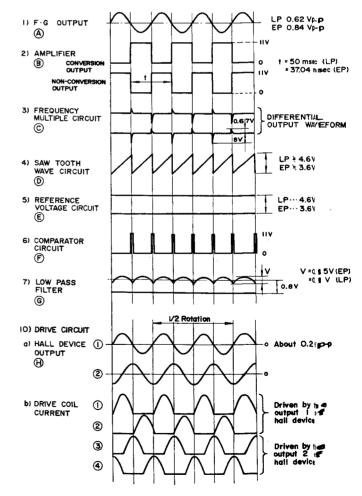


Figure 4-2 WAVE FORMS OF THE CIRCUIT

6) COMPARATOR CIRCUIT

The comparator circuit consists of differential comparator circuit and switching transistor and it is to compare the level of the saw tooth wave 4) and that of reference voltage 5) to each other so that there will be on-off pulses available. off-pulse is obtained when the height of saw tooth wave is lower than the level of reference voltage while on-pulse when the former is higher than the latter: a variation of the frequency (that of the motor's rotation number) is converted into an average variation of the output pulse.

7) LOW-PASS FILTER

The low-pass filter is a 2-stage CR primary low-pass filter that is to have the output pulse of comparator circuit be smoothed.

8) AMPLIFIER CIRCUIT ②

The amplifier circuit is to amplify the output of low-pass filter to apply it to the hall device.

9) POSITION DETECT CIRCUIT

The position detect circuit serves to detect N-pole or S-pole of the rotor magnet by means of hall device so that it can determine the sequence by which 4 drive coils will be given a current one after another. Meanwhile, voltage applied to the hall device is regulated by the control circuit described in the steps 1) to 8) above and output voltage of the hall device is varied according to a variation of the rotation number of motor.

10) DRIVE CIRCUIT

The drive circuit is the one which amplifies the output of hall device to have a current run in the drive coil.

11) FEEDBACK CIRCUIT

The feedback circuit is to carry out a negative feedback operation from the drive circuit to the amplifier circuit ②, thus letting the entire operation of control circuit be more stabilized.

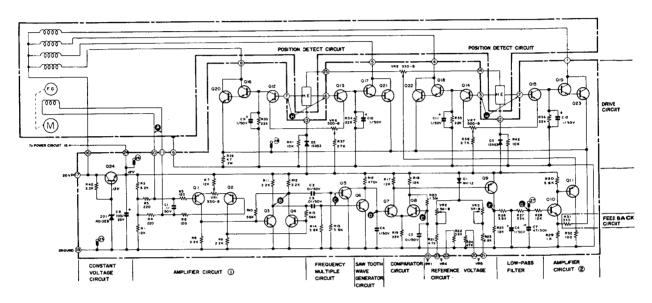


Figure 5-1

CIRCUIT MOTION WHILE THE ROTATION NUMBER BEING VARIED

Circuit Motion while the Rotation Number Being Varied In which, $N_1 \,>\, N_2 \,>\, N_3$

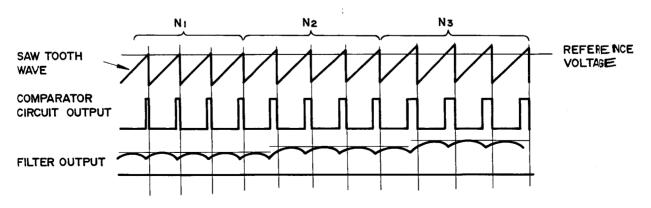


Figure 5-2

ADJUSTMENT OF THE MECHANISM

■ AUTO READ-IN ADJUSTMENT

(Refer to Figure 6-1)

Before the set leaves the factory, descending position of the stylus has been adjusted properly but it may be, however, that under automatic play mode the stylus top end cannot descend on the starting groove correctly because of the adjustment having been deviated due to vibration during the transportation or if a disc record outside the specification is used. If the descending position of the stylus is not correct, adjust the screw provided at the bottom of this unit.

When the stylus descends outside the record periphery, rotate the screw toward 'IN'.

While, when it descends inside the starting groove of the record, rotate the screw toward 'OUT'.

Motion of one graduation of the screw can change the descending position by 1.5 mm.

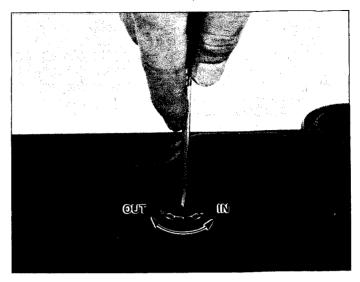


Figure 6-1

■ STYLUS POSITION ADJUSTMENT

(Refer to Figure 6-2)

In the auto return or auto lead-in operation or cueing-up operation, the stylus tends to scratch a record disk surface if its setting height is lower than usual, or it may not descend exactly on the disk surface or hit the dust cover if the height is higher than normal. Therefore, take the following procedures to assure the rated stylus position.

- Positionally arranged the eccentric pin groove of the seesaw lever to direct to its longitudinal direction. See the photo.
- Set the cueing lever at "Up" position and rotate the nut of the elevation shaft to provide a clearance or approx.
 8 +4 mm between the stylus top and the disk surface.
- Place the unit in "auto lead-in" mode to allow the tonearm to come to above the disk surface, then stop the tonearm and adjust the eccentric pin of the seesaw lever so that a distance between the stylus top and the disk surface becomes 8 ⁺⁴/₂ mm (at the time, keep the cueing lever at "Down" position).

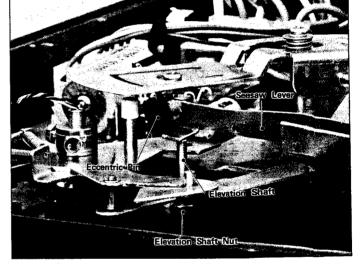


Figure 6-2

■ AUTO RETURN ADJUSTMENT

(Refer to Figure 6-3)

Turn the screw clockwise when return motion is too fast (before end of performance) and turn it counterclockwise when the arm doesn't return even when it has come near the label on the record.

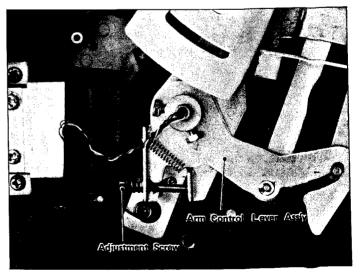


Figure 6-3

ALIGNMENT OF THE CIRCUIT

■ FREQUENCY MULTIPLE ADJUSTMENT

(Refer to Figures 7-1 and 8-3)

- 1. Connect the oscilloscope to the pins 25 (GND) and 27
- 2. Adjust the semi-variable resistor (VR1) so that good waveform indicated in Figure 7–1.

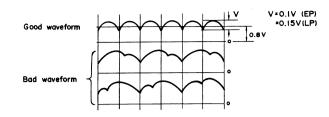


Figure 7-1

■ DRIVE CIRCUIT ADJUSTMENT

- 1) HALL DEVICE (Refer to Figures 7-2 and 8-2)
- 1. Connect the oscilloscope to the pins 25 (GND) and 28 (+).
- 2. Adjust the semi-variable resistor (VR1104) so that good waveform indicated in Figure 7–2.

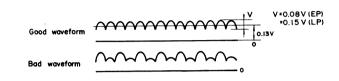


Figure 7-2

2) 4-COIL CURRENT (Refer to Figures 7-3 and 8-2)
1. Connect the oscilloscope to the pins 25 (GND)

1. Connect the oscilloscope to the pins 25 (GND and 28 (+).

2. Adjust the semi-variable resistors (VR6 and 7) so that good waveform indicated in Figure 7–3.

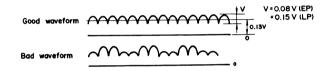


Figure 7-3

■ ADJUSTMENT OF THE MOTOR'S ROTATION

(Refer to Figures 8-1 and 8-2)

The revolutional speed of turntable minutely varies according to the hour during a day, therefore, take the following procedures to obtain an exact speed.

1. Turn the speed fine adjustment knob clockwise or anticlockwise to adjust so that the stripe pattern of a stroboscope provided at the platter looks like stationary. When the stripe pattern is moving in the turning direction of platter, this shows that the rotational speed of turntable

is faster than as specified. In this case, adjust it by turning the speed fine adjustment

knob toward 's'.

Or, when the stripe pattern is moving against the turning direction of platter this shows that the turntable rotates slower than as specified. In such a case, adjust it by turning the speed fine adjustment knob toward 'f'.

2. When the servo-control P.W. board or other electrical parts are replaced for repairing, adjust the turntable speed in the following manner.

1) Set the speed fine adjustment knobs (VR4, VR5) to the central position.

2) Adjust the semi-variable resistors (VR2, VR3) so that the stripe pattern of a stroboscope provided at the platter looks like stationary.

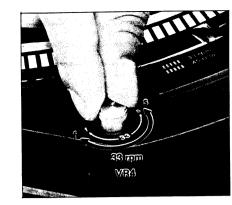
VR2 For 33-1/3 r.p.m. Adjust VR3 For 45 r.p.m. Adjust

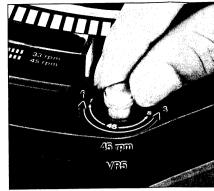
■ STROBOSCOPE FREQUENCY ADJUSTMENT

(Refer to Figure 8-2)

1. Connect the frequency counter to the base of transistor (Q101) and ground.

2. Adjust the semi-variable resistor (VR101) so that the frequency counter indicate 120 Hz.





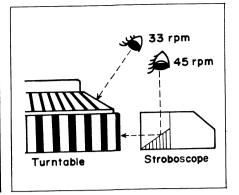


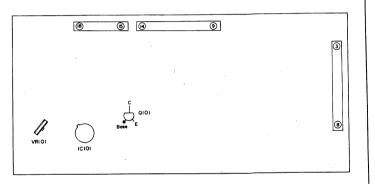
Figure 8-1

VR1 :Frequency Multiple Circuit Adjust : VR2 :Turntable Speed Adjust (33–1/3rpm) VR3 :Turntable Speed Adjust (45rpm)

VR4 :Turntable Speed Fine Adjust (33–1/3rpm)
VR5 :Turntable Speed Fine Adjust (45rpm)

VR6. VR7 :4 Coil Current Adjust VR8 :Hall Device Adjust

VR101 :Stroboscope Frequency Adjust



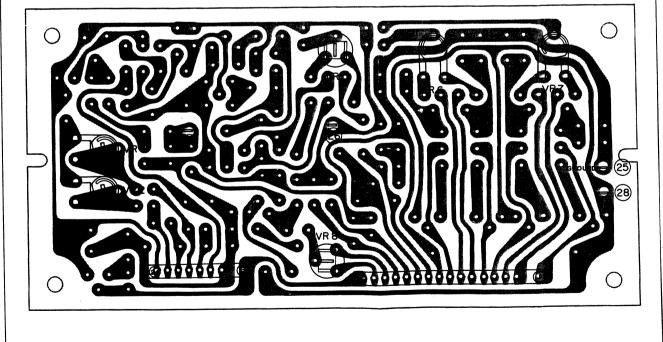
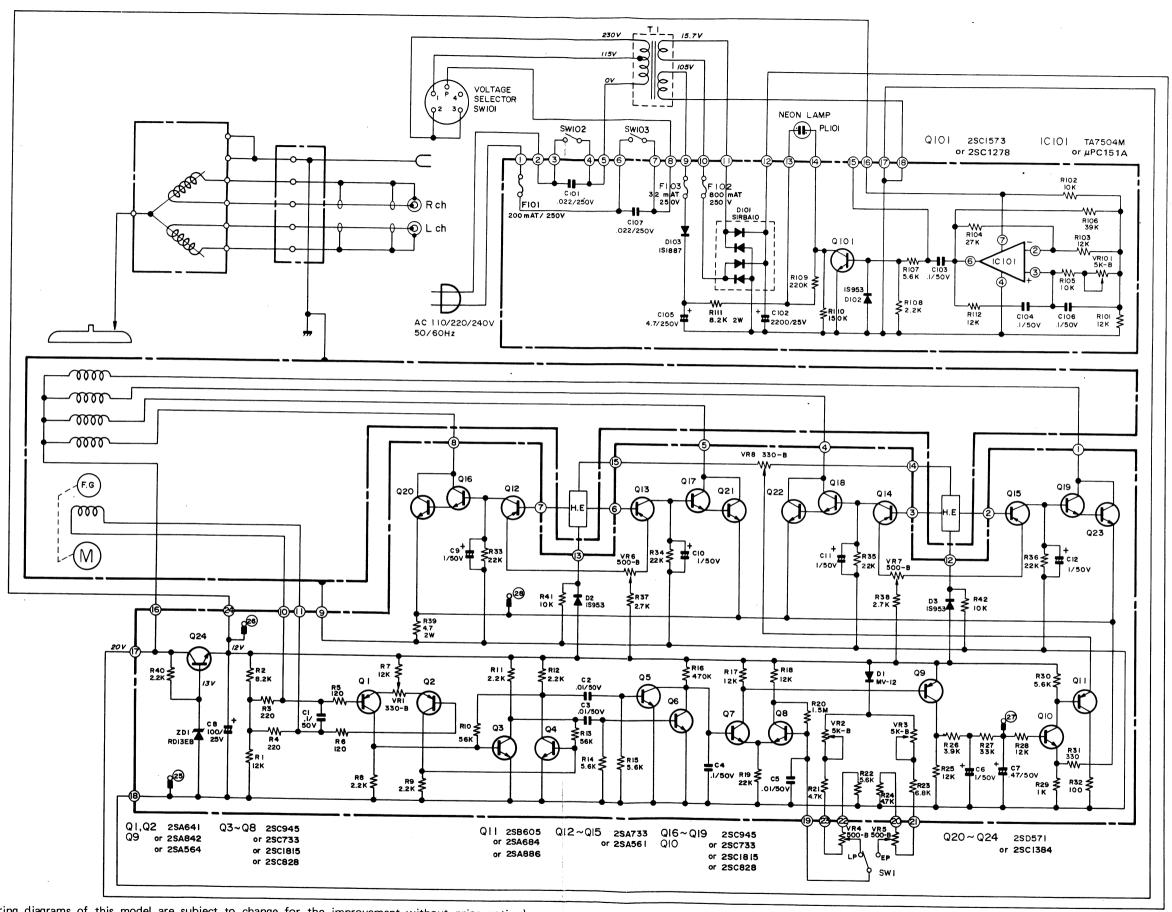


Figure 8-2 ALIGNMENT POINT



(Specifications or wiring diagrams of this model are subject to change for the improvement without prior notice.)

Figure 9-1 SCHEMATIC DIAGRAM

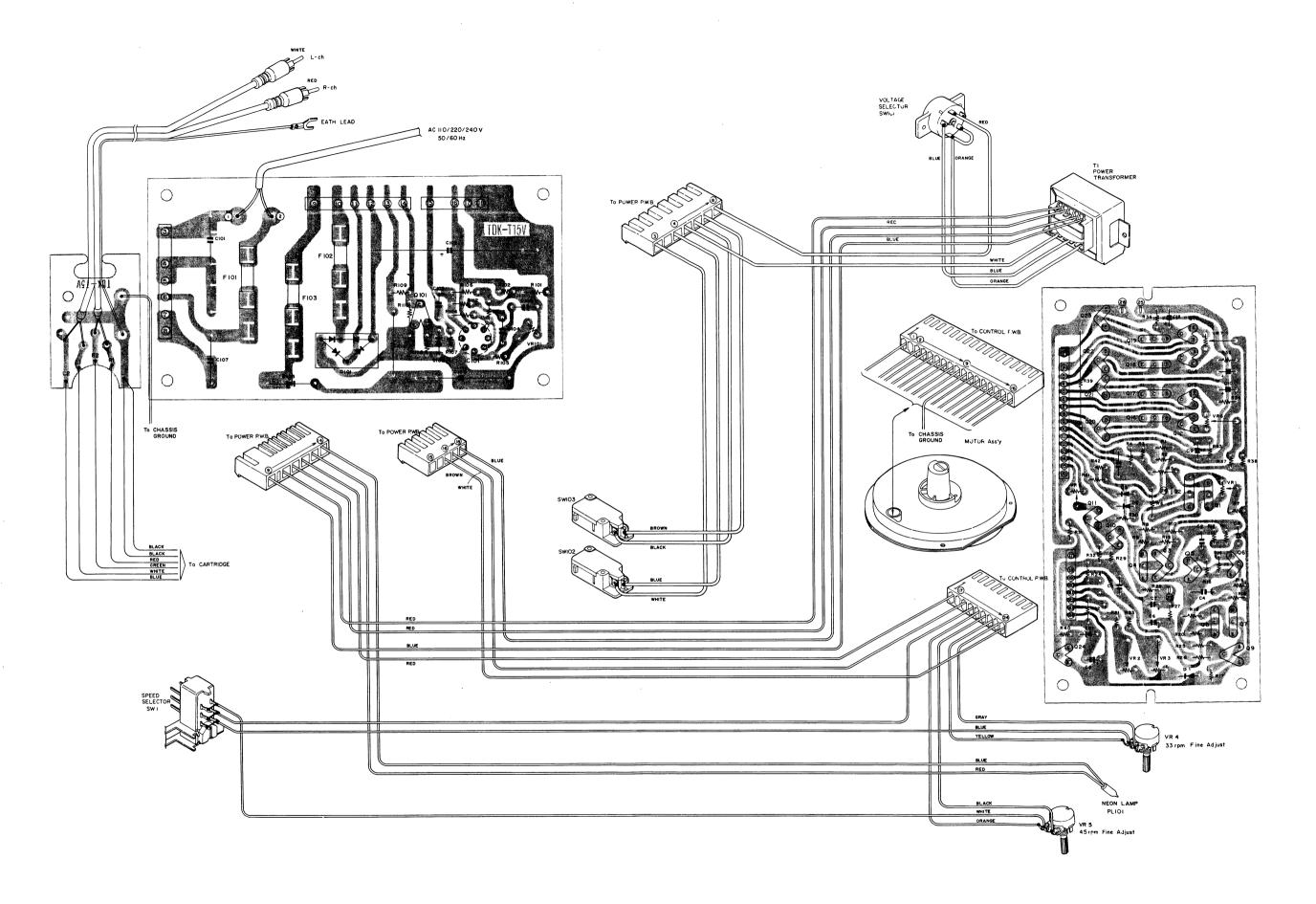


Figure 11-1 WIRING SIDE OF P.W. BOARD

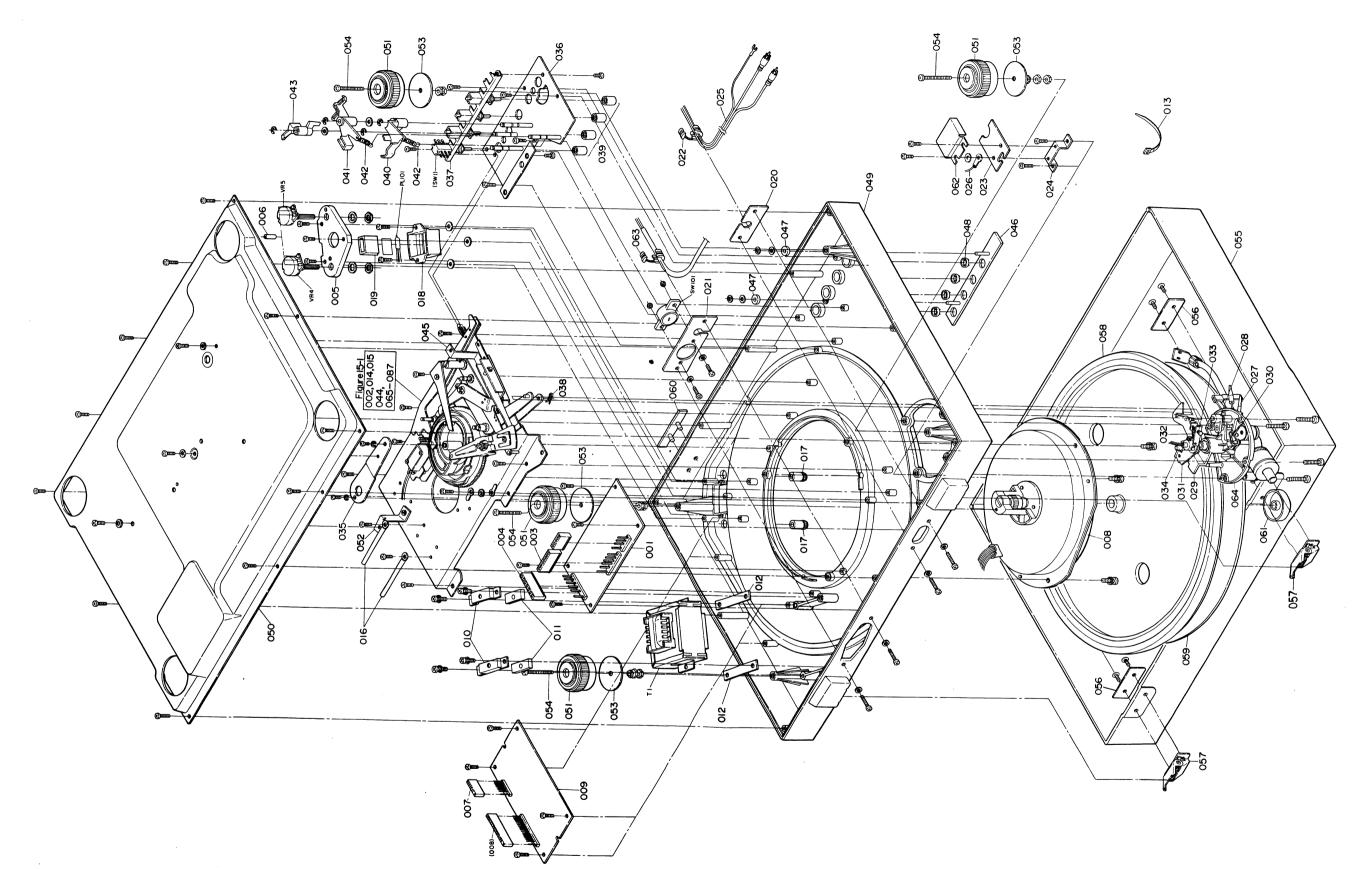


Figure 13-1 PLAYER EXPLODED VIEW (Cabinet)

-13-

-14-

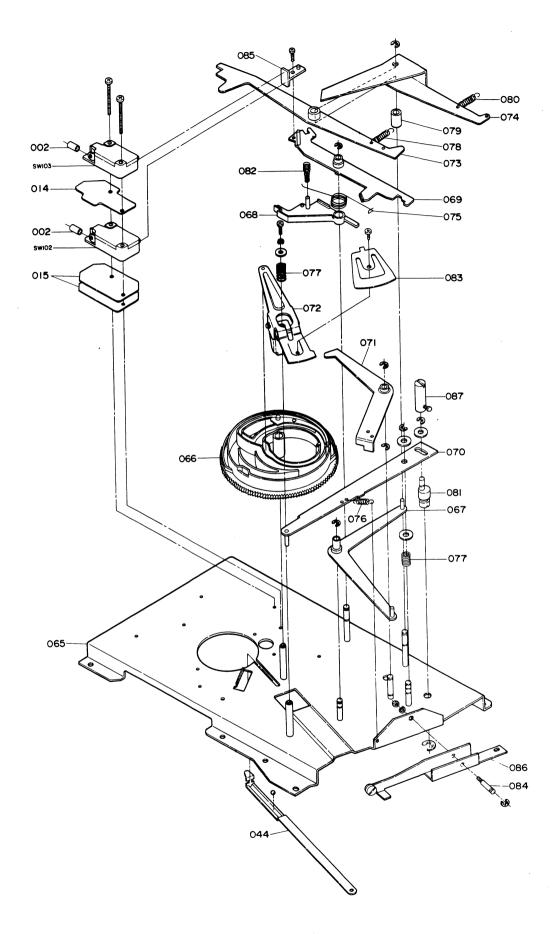


Figure 15-1 PLAYER EXPLODED VIEW (Sub-Chassis)

REPLACEMENT PARTS LIST

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER

2. REF. NO.

3. PART NO.

4. DESCRIPTION

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
	INTEGRA	ATED CIRCUIT		VR2	91Z5KOHMB	5K ohm (B), Turntable Speed	**
IC101	91ZµPC151A	OP Amp (μPC151A)	**			Adjust (33-1/3 r.p.m.)	
Note:	or 91ZTA7504M			VR3	91Z5KOHMB	5K ohm (B), Turntable Speed Adjust (45 r.p.m.)	**
	TRA	NSISTORS		VR4	91Z702986	500 ohm (B), Turntable Speed Fine Adjust (33-1/3 r.p.m.)	**
Q1, Q2	91Z2SA641	Amplifier (1) (2SA641)	**	VR5	91Z702986	500 ohm (B), Turntable Speed	**
Q3, Q4	91Z2SC945	Amplifier (1) (2SC945)	**			Fine Adjust (45 r.p.m.)	
Q5	91Z2SC945	Frequency Multiple Circuit (2SC945)	**	VR6,) VR7	91Z500OHMB	500 ohm (B), 4 Coil Current Adjust	**
Q 6	91Z2SC945	Saw Tooth Wave Generator (2SC945)	**	VR8	91Z330OHMB	330 ohm (B), Hall Device Adjust	**
Q7, Q8	91Z2SC945	Comparator Circuit (2SC945)	**	VR101	91Z5KOHMB	5K ohm (B), Stroboscope	**
Q9	91Z2SA641	Comparator Circuit (2SA641)	**	******		Frequency Adjust	1.1
Q10	91Z2SC945	Amplifier (2) (2SC945)	**			•	
Q11	91Z2SB605	Amplifier (2) (2SB605)	**			ACITORS	
Q12,				C1	VCQYKU1HM104K	.1MFD, 50V, ± 10%, Mylar	**
Q13,	91Z2SA733	Drive Circuit (2SA733)	**	C2, C3	VCQYKU1HM103K	.01MFD, 50V, ±10%, Mylar	**
Q14, Q15		•		C4	VCQYKU1HM104K	.1MFD, 50V, ±10%, Mylar	**
Q16,]				C5	VCQYKU1HM103K	.01MFD, 50V, ±10%, Mylar	1 1
Q17,				C6	VCEALU1HC105M	1MFD, 50V, ±20%, Electrolytic	
Q18,	91Z2SC945	Drive Circuit (2SC945)	**	C7	VCEALU1HW474M	.47MFD, 50V, ±20%, Electroly1 100MFD, 25V, +50-10%,	1 **
Q19				C8 C9,	VCEAAU1EW106Y	Electrolytic	
Q20, Q21,				C10,	VCEAAU1HW105A	1MFD, 50V,+75-10%,	**
Q22,	91Z2SD571	Drive Circuit (2SD571)	**	C11,		Electrolytic	
Q23	•			C12 J C101	91ZRIFAPME271Y	.022MFD , 250V	**
Q24	91Z2SD571	Constant Voltage Circuit (2SD5	71\ ==	C101	VCEAAU1EW228Y	2200MFD, 25V, +50–10%,	**
Q101	91Z2SC1278	Driver, Neon Lamp (2SC1278)	**	C102	VCLAAUTLW220T	Electrolytic	"
Note:		21101, 110011 Earn (2301270)		C104	VCQYKU1HM104K	.1MFD, 50V, ± 10%, Mylar	**
Q1, Q2, 0	Ω9 or 91Z2SA842,	91Z2SA564		C105	VCEAAU2EW475Y	4.7MFD, 250V, +50-10%,	**
Q3 - Q8						Electrolytic	**
Q11	or 91Z2SA684,	91Z2SA886	1	C106	VCQYKU1HM104K	.1MFD, 50V, ±10%, Mylar	**
Q12 - Q				C107	91ZR1FAPME271Y	.022MFD , 250V	1 1
Q10,	or 91Z2SC733		l	(Unless of	herwise specified resisto	SISTORS irs are 1/4W, ±5%, Carbon type.)	
Q16 – Q	19)			R1	VRD-SU2EY123J	12K ohm	**
Q20 - Q	24 or 91Z2SC1384			R2	VRD-SU2EY822J	8.2K ohm	**
Q101	or 91Z2SC1573			R3, R4	VRD-SU2EY221J	220 ohm	**
			1.	R5, R6	VRD-SU2EY121J	120 ohm	**
	I	DIODES		R7	VRD-SU2EY123J	12K ohm	**
D1	91ZMV-12	Reference Voltage Circuit (MV-	12) **	R8, R9	VRD-SU2EY222J	2.2K ohm	**
D2, }	91Z1S953	Drive Circuit (1S953)	l	R10	VRD-SU2EY563J	56K ohm	**
D3 J D101	91ZSIRBA10	Rectifier (S1RBA10)	**	R11, R12	VRD-SU2EY222J	2.2K ohm	**
D102	91Z1S953	Neon Lamp Drive Circuit (1S95	1	R13 R14,	VRD-SU2EY563J	56K ohm	**
D103 ZD1	91Z1S1887 91ZRD13E(B)	Rectifier (1S1887) Constant Voltage Circuit (RD1)	** 3EB)**	R14,	VRD-SU2EY562J	5.6K ohm	**
			[R16	VRD-SU2EY471J	470K ohrn	**
TRANSFORMER			**	R17, R18	VRD-SU2EY123J	12K ohm	**
T1	91Z8713 24	Power		R19	VRD-SU2EY223J	22K ohm	**
			1	R20	VRD-SU2EY155J	1.5 Meg ohm	**
	CC	ONTROLS	1	R21	VRD-SU2EY472J	4.7K ohnn	**
VR1	91Z330OHMB	330 ohm, (B), Frequency	.**	R22	VRD-SU2EY562J	5.6K ohm	**
•		Multiple Circuit Adjust	1	R23	VRD-SU2EY682J	6.8K ohm	**
	ica will be augted upo	•	1	R24	VRD-SU2EY472J	4.7K ohm	* *

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PARTS LIST

R25 VRD-SU2EY123J 12K ohm ** 034 912891452-1 Friction Rubber R26 VRD-SU2EY392J 3.9K ohm ** 035 912895585 Plate, Main Gear R27 VRD-SU2EY333J 33K ohm ** 036 912871208 Bracket, Operation R28 VRD-SU2EY123J 12K ohm ** 037 912871209 Push Switch Ass'y R29 VRD-SU2EY102J 1K ohm ** 038 912891092 Pin, Auto Return A R30 VRD-SU2EY562J 5.6K ohm ** 039 912895688 Button, Push Switch R31 VRD-SU2EY331J 330 ohm ** 040 912895588 Lever, Reject R32 VRD-SU2EY101J 100 ohm ** 041 912895589 Lever, Start R33, R34, VRD-SU2EY202J 32K ohm ** 043 912895590 Lever, Repeat	** ** ** ** ** ** ** over **
R26 VRD-SU2EY392J 3.9K ohm ** 035 91Z895585 Plate, Main Gear R27 VRD-SU2EY333J 33K ohm ** 036 91Z871208 Bracket, Operation R28 VRD-SU2EY123J 12K ohm ** 037 91Z871209 Push Switch Ass'y R29 VRD-SU2EY102J 1K ohm ** 038 91Z891092 Pin, Auto Return A R30 VRD-SU2EY562J 5.6K ohm ** 039 91Z895688 Button, Push Switch R31 VRD-SU2EY331J 330 ohm ** 040 91Z895588 Lever, Reject R32 VRD-SU2EY101J 100 ohm ** 041 91Z895589 Lever, Start R33, R34 042 91Z891443 Spring, Start Lever R34 042 91Z891443 Spring, Start Lever	** ** ** ** ** ** ** ** over **
R28 VRD-SU2EY123J 12K ohm ** 037 91Z871209 Push Switch Ass'y R29 VRD-SU2EY102J 1K ohm ** 038 91Z891092 Pin, Auto Return A R30 VRD-SU2EY562J 5.6K ohm ** 039 91Z895688 Button, Push Switch R31 VRD-SU2EY331J 330 ohm ** 040 91Z895588 Lever, Reject R32 VRD-SU2EY101J 100 ohm ** 041 91Z895589 Lever, Start R33, 042 91Z891443 Spring, Start Lever R34 042 91Z895590 Lever, Repeat	** ** ** ** ** ** ** over **
R29 VRD-SU2EY102J 1K ohm ** 038 91Z891092 Pin, Auto Return A R30 VRD-SU2EY562J 5.6K ohm ** 039 91Z895688 Button, Push Switch R31 VRD-SU2EY331J 330 ohm ** 040 91Z895588 Lever, Reject R32 VRD-SU2EY101J 100 ohm ** 041 91Z895589 Lever, Start R33, 042 91Z891443 Spring, Start Lever R34 043 91Z895590 Lever, Repeat	** ** ** ** ** ** ** ** ** ** ** ** **
R30 VRD-SU2EY562J 5.6K ohm ** 039 91Z895688 Button, Push Switch R31 VRD-SU2EY331J 330 ohm ** 040 91Z895588 Lever, Reject R32 VRD-SU2EY101J 100 ohm ** 041 91Z895589 Lever, Start R33, 042 91Z891443 Spring, Start Lever R34 043 01Z895590 Lever, Repeat	** ** ** ** ** over **
R31 VRD-SU2EY331J 330 ohm	** ** ** ** ** ** ** ** **
R32 VRD-SU2EY101J 100 ohm	** ** ** ** **
R33, 042 91Z891443 Spring, Start Lever	** ** ** ** **
R34 017905500 Lever Report	** ** over **
R34 042 01700EE00 Lovier Depose	over **
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	over **
R35, 044 91Z870066 Arm, Auto Return	**
R36 J 045 91Z892809-1 Bracket, Bottom Co	1 1
R37, VRD-SU2EY272J 2.7K ohm **	1 1
R38 J 046 91Z895586 Operation Plate	
R39 VRS-PT3DB4R7K 4.7 ohm, 2W, ±10%, Oxide Film ** 047 91Z892940-1 Rubber	**
R40 VRD-SU2EY222J 2.2K ohm ** 048 91Z895587 Ring, Operation Pla	ate **
R41, VRD-SU2EY103J 10K ohm ** 049 91Z846367-4 Cabinet	**
R42 J	**
1 1 US1 912896387 Led	**
R102 VRD-SU2EY103J 10K ohm	cover **
P104 VPD SU2EV273 L 27V obm	
D105 VPD SU25V1031 10V ob-	**
D106 VPD SU3EV2021 20K ob-	- 1
050 912601097-3 Dust Cover	**
D100 VPD SU2EV2221 2 2V obm	**
D100 VPD CU2EV2241 220V chm	**
050 912020020 Turntable	**
Data VECTORES ON the CW that CW the Film	**
D112 VPD CU2EV1221 12V chm	\ AC
(912.693620)	
001 91Z871189 Power Circuit Ass'y ** 062 91Z895218 Shield, Output P.W 002 91Z892484 Tube, Insulator ** 063 91Z891568-2 Bushing, Mains Sup	1 1
002 91Z892484 Tube, Insulator ** 063 91Z891568-2 Bushing, Mains Sup 003 91Z895758 Connector Ass'y ** (BS)	ply Cold
004 91Z704151-1 Socket, Power ** 91Z891568-3 Bushing, Mains Sup	oply Cord **
005 91Z895591 Bracket, Lamp/Volume ** (KEMA)	pry cord
006 91Z702233-3 Tube, Insulator ** 064 91Z851319-1 Pick-up Ass'y (With	nout **
007 91Z895733 Connector, Ass'y ** Cartridge)	
008 91Z631318 Motor Ass'y ** 065 91Z851227 Sub-chassis Ass'y	**
009 91 Z631347 Control Circuit Ass'y ** 066 91 Z870317 Main Gear Ass'y	**
010 91Z894989 Bracket, Power Transformer ** 067 91Z891431 Switching Lever As	i i
Retaining 068 91Z891951 Clutch Lever Ass'y	· 1 1
011 91Z895734 Bushing, Power Transformer ** 069 91Z891016-1 Switching Lever As	1 1
012 91 Z895735 Plate, Power Transformer ** 070 91 Z891435 Select Arm Ass'y	
Retaining 071 91Z891437 Select Guide Lever	Ass'v **
013 91Z894408 Holder, Wire ** 072 91Z870172 Rotation Plate Ass'	. ' 1
014 91 Z893327 Insulator, Micro Switch ** 073 91 Z870157 Start Lever Ass'y	′ ••
015 91Z895157 Insulator, Micro Switch ** 074 91Z891444 Lever, Repeat	
016 91 Z890755 Holder, Wire	4
017 91Z892618 Knob, Speed Fine Adjust ** 076 91Z891438 Spring, Select Arm	
018 91 Z895592 Cover, Lamp ** 077 91 Z891475 Spring, Safety	
019 91Z895595 Holder, Lamp ++ 078 91Z891443 Spring, Start Lever	1 1
020 91Z893037 Plate, Output Lead Hold + 079 91Z891445 Bushing	
021 91Z895596 Plate, Voltage Selector Switch ** 080 91Z893566 Spring, Repeat Lev	1 1
022 91 Z891568-4 Bushing, Output Lead ++ 081 91 Z895720 Shaft, Eccentric	
023 91 2895155-1 P.W. Board, Output Lead ** 082 91 Z891947 Spring, Clutch Leve	1 1
024 91Z895154-1 Bracket, P.W. Board Retaining ++ 083 91Z891022 Spring, Rotation Pl	
025 91 Z893699-1 Output Lead Ass'y ** 084 91 Z890095 Shaft, See-saw Levi	1 1
026 91 Z894509-6 Earth Lead Ass'y ** 085 91 Z894937 Tip, Switching Levi	
027 91 Z896293 Select Lever Ass'y ** 086 91 Z891785 See-saw Lever Ass's	
028 91 Z895594 Lever, Select Lever Ass'y ** 087 91 Z895721 Screw, Auto Read-	
029 91 Z895593 Lever, Selector ** Adjust	
030 91 Z700508-1 Spring, Select Lever ++ F101 QFS-C201CAGNI 200mAT/250V	
031 91Z891482 Arm Control Lever Ass'y ** F102 QFS-C801CAGNI 800mAT/250V	**
032 91 Z801553 Spring, Arm Control Lever ++ F103 QFS-C320CAGNI 32mAT/250V	**
033 91 z813681 Spring, Screw Lock ++ PL101 91 z895757 Neon Lamp	

PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	CODE	REF. NO.	PART NO.	DESCRIPTION	CODE
SW1	Not available Part of 037	Speed Selector Switch	N-A		QACCV0001AGZZ	Mains Supply Cord (KEMA) (91Z892280)	AP
SW101	01 QSOCE0551AFZZ	Switch, Voltage Selector (91Z871207)	AG		TINSL0138AFZZ TTAGH0058AFZZ	Operation Manual Tag	**
SW102,) SW103	91Z895430-1	Switch, Power	**			3	
	QACCB0052AF09	Mains Supply Cord (BS) (91Z895961)	AM				